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NO. 2749 P. 1

PTO/SB/97 (01-08)

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10/523493

CL2079USPCT

Response to Office Action dated March 17, 2008

Page 1 of 3

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NO. 2749 P. 2

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE APPLICATION OF:

VLADIMIR GRUSHIN

CASE NO.: CL2079USPCT

APPLICATION NO.: 10/523493

GROUP ART UNIT: 1713

FILED: JULY 31, 2003

EXAMINER: LOWE, SUN JAE Y.

FOR: PYRROLYL COMPLEXES OF COPPER FOR COPPER METAL DEPOSITION

RESPONSE TO RESTRICTION REQUIREMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

By Office Action dated March 17, 2008, the above-referenced application has been made subject to a requirement to restrict. The Examiner has taken the position that claims 1-6 (Invention I) are drawn to a process of making pyrrolealdimines. Claims 7-19 and 26-29 (Invention II) are said to be drawn to a process of making Cu(II) complexes. Claims 20-25 (Invention III) are said to be drawn to a process of depositing Cu onto a substrate.

Applicants elect group I, claims 1-6. This election is made with traverse. The ligands disclosed in the present application are made for the purpose of preparing the complexes, which, in turn, are used for the copper deposition process. The three processes are clearly linked. Applicant strenuously disagrees with the Examiner's position that the application contains three separate inventions. Reconsideration is respectfully requested.

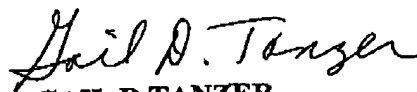
In response to the requirement to elect a single species, Applicant elects alkanes in claim 3, with traverse. Should the Examiner require a further election, in claim 4, Applicant elects the alkanes recited therein, i.e., pentane, hexanes, and heptanes, with traverse. Applicants submit that the invention does not lie in the use of alkanes, whether substituted or unsubstituted, in the process, but rather in the novelty of the process, comprising all of the steps recited in claim 1. Applicant submits that the process is patentable regardless of the particular water immiscible compound used, or the particular molar ratio of 2-formylpyrrole to primary amine, or the temperature at which the process is carried out. The parameters recited in dependent claims 2-6 are specific embodiments of the invention as recited in claim 1.

Application No.: 10/523493  
Docket No.: CL2079USPCT

Page 2

Applicant believes the above election is responsive to the Office Action. However, should any issues remain, the Examiner is respectfully requested to telephone Applicant's undersigned representative to promptly resolve such issues, so that the Application can proceed to substantive examination.

Respectfully submitted,



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Dated: April 08, 2008